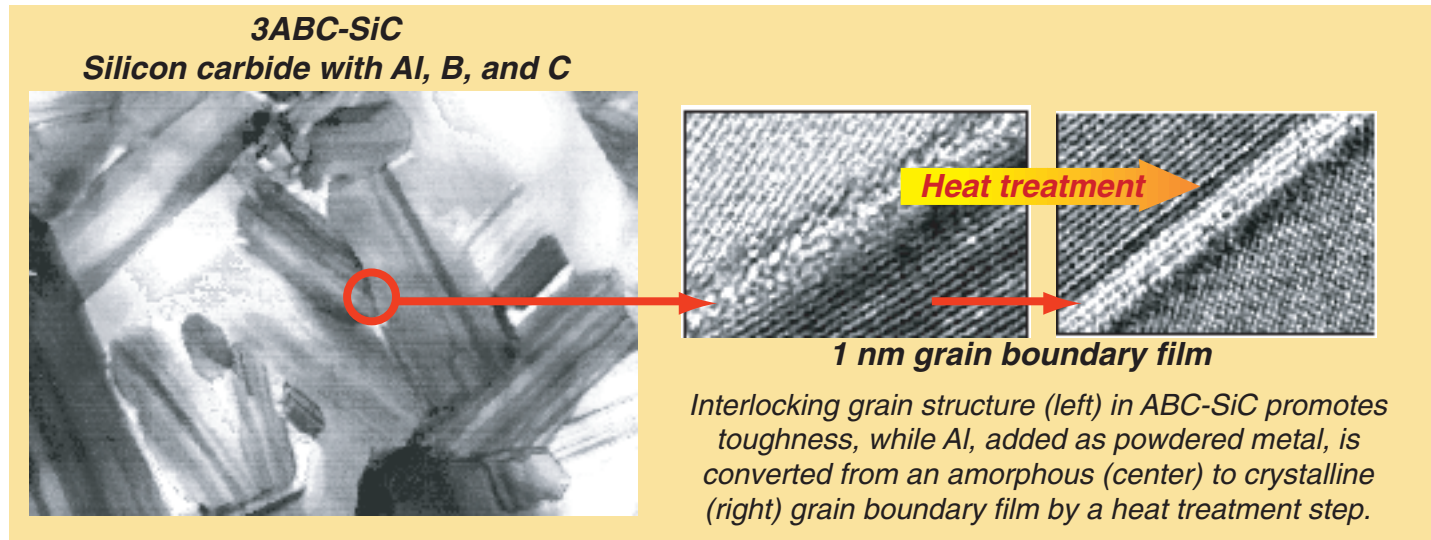


New Strong, Tough, and Creep-Resistant Ceramic Developed

Control of Nanoscale Grain Boundary Properties Key to Achieving Improvements



Compared to commercial SiC, the heat treated ABC-SiC shows minimal high temperature creep (left), superior toughness (center), and comparable high temperature fracture strength.

